

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A process for depositing a film coating on the exposed surface of a substrate, characterized by the steps of: (a) creating a glow discharge in a region between an electrode and a counterelectrode; and (b) flowing a mixture comprising a balance gas, a tetraalkylorthosilicate and, optionally, a carrier gas for the tetraalkylorthosilicate through the glow discharge and onto or in the vicinity of at least one surface of said substrate at a flow velocity of from about 0.05 m/s to about 5 m/s, the concentration of the tetraalkylorthosilicate in the mixture being in the range of from ~~more than 2000 ppm~~ at least about 2200 ppm to about 10000 ppm to form a film coating on the substrate and the balance gas is air, oxygen, CO₂, O₃, NO, or a combination thereof.
2. (currently amended) The process of Claim 1 wherein the electrode is a perforated electrode comprising perforations ~~thereinto~~ thereinto and the mixture of a balance gas and a tetraalkylorthosilicate and, optionally, a carrier gas for the tetraalkylorthosilicate is flowed through the perforations.
3. (original) The process of Claim 2 wherein the process is continuous and the counterelectrode supports a moving substrate.
4. (original) The process of Claim 3 wherein the counterelectrode is covered with a dielectric sleeve.
5. (currently amended) The process of Claim 2 wherein the ~~tetraalkylorthosilicate~~ tetraalkylorthosilicate is tetraethylorthosilicate.
6. (canceled).
7. (original) The process of Claim 5 wherein the pressure of the glow discharge region is maintained at about atmospheric pressure and the concentration of the tetraethylorthosilicate is more than 3500 ppm.

8. (original) The process of Claim 7 wherein the flow velocity of the balance gas, the tetraethylorthosilicate, and the carrier gas through the perforations is in the range of from about 0.1 m/s to about 2 m/s.
9. (original) The process of Claim 7 wherein the coating has an optical clarity of at least 98 percent and a haze value of not greater than 2 percent.
10. (original) The process of Claim 1 wherein the film coating is a clear film coating.
11. (original) The process of Claim 1 wherein the film coating has a surface energy of more than 50 dynes/cm.